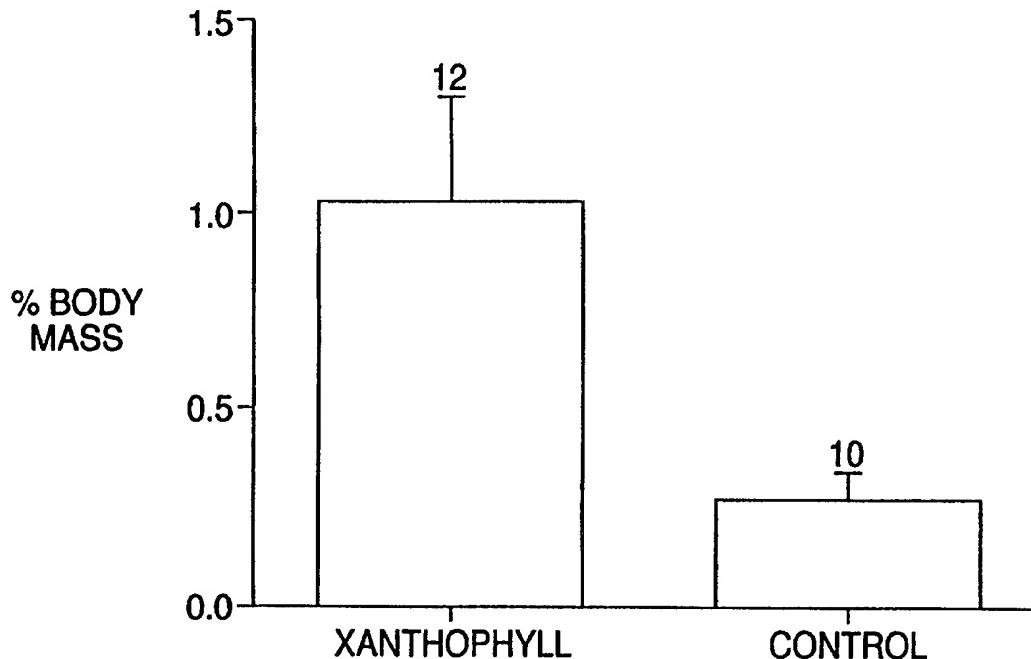




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(54) Title: USE OF XANTHOPHYLL TO ACCENTUATE THE EFFECTS OF ESTROGEN



(57) Abstract

The present invention provides methods and compositions comprising xanthophyll for use in accentuating the physiological effects of endogenous (or supplemental) steroids such as estrogens. Specifically, such methods and compositions are useful in enhancing and extending the reproductive capacity of game birds, and enhancing steroid-mediated reproductive responses in animals.